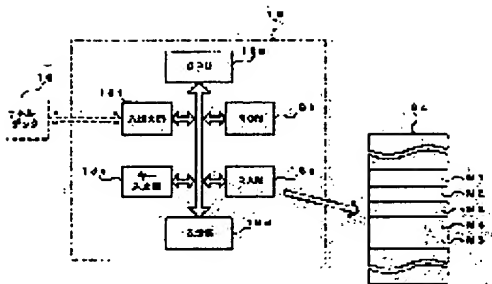


# PATENT ABSTRACTS OF JAPAN



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(22) Date of filing : 25.12.1998 (72) Inventor : MATSUMOTO HIROSHI

(54) RADIO COMMUNICATION EQUIPMENT AND CONTROL METHOD THEREFOR

(57) Abstract:

PROBLEM TO BE SOLVED: To switch a zone at high-speed movement, without communication disconnection and zone area reduction by changing a handover threshold by moving speed information obtained from the timewise fluctuation tendency of a reception level from a base station.

SOLUTION: The reception level from a base station is stored time sequentially in level storage areas M1-M5 of a RAM 18c. Then, when they are values stored in M1-M5, that is they are stored time sequentially in the order M1, M2, M3, M4 and M5, a fluctuation amount is supplied by the differences between M1 and M2, M2 and M3, M3 and M4, and M4 and M5 respectively. The fluctuation amount is equal to or more than a prescribed value, that is a deciding reference value is set to a negative appropriate value, and the time of the movement of a high speed and a low speed is discriminated and a high threshold is selected at the time of the high-speed movement and a low threshold is selected at low-speed movement to be defined as the handover threshold. Thus, the handover threshold is varied in matching with a moving equipment speed, and a handover processing is accelerated at high-speed movement.

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